

E7.3 10756

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Monthly Report
to
National Aeronautics and Space
Administration

(E73-10756) [SKYLAB ORBITS] Monthly
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Contract No. NAS 9-13337

Period Ending June 1, 1973

Remote Sensing Institute
South Dakota State University
Brookings, South Dakota 57006

3.0 Report of work as identified in Ex. A (SOW)---Contract NAS 9-13337

3.1. Progress Reports

a. Overall status ----

The response to the shift of the SKYLAB orbit was to conduct an on-site inspection of the new coverage area. The Dewey County Agent and personnel from the Soil Conservation Service served as local consultants. Two sites were selected and coordination with the land owners was accomplished. Two soils were represented (associations of gently undulating to rolling sandy loams and loamy sands and gently undulating to rolling claypan soils). On each of the two soils was a fallow, wheat, and native range ground cover.

b. Recommendations ----

Recommendations at this time for the SL-3 mission are to reestablish the original orbit and to reestablish the day and night SKYLAB data coverage.

c. Expected accomplishments ----

The anticipated SKYLAB overflight will be conducted during the next reporting period. Therefore, the ground-based sensors will be installed and the RSI aircraft data collection will be accomplished.

d. A readily.....results.....

None at this time.

e. Summary outlook ----

At this time, the summary outlook appears to follow, in general, that which is stated in the "SOW" of the contract. However, those data to be analyzed will be selected after knowledge of which data are available.

f. Travel summary ----

Travel in May included the on-site inspection by D. Moore. Anticipated travel will include the on-site data collection.